

CLAIMS

What is claimed is:

1. A method for updating data, being applied to a system for updating data for allowing a user at a client's computer device to monitor data condition in a server, wherein the server is pre-constructed with a database having a plurality of data fields for storing data transmitted from a data source therein, and with a result table corresponding to the data fields; the method comprising the steps of:
 - (1) setting a predetermined data-updating time via the system for updating data, wherein the server retrieves the data from the data fields of the database and stores the retrieved data in data fields of the result table corresponding to the data fields of the database, when the predetermined data-updating time is reached in operation of the server; and
 - (2) setting a predetermined data-reading time via the system for updating data, wherein the client's computer device submits a data-reading request the server for allowing the server to retrieve the data from the data fields of the result table according to the request and transmit the retrieved data to the client's computer device, when the predetermined data-reading time is reached in operation of the client's computer device.
2. The method of claim 1, wherein the system for updating data is constructed in a manner that at least one server is connected to a plurality of client's computer devices.
3. The method of claim 2, wherein the server is connected to the data source by a network.
4. The method of claim 3, wherein the computer includes a browser for allowing the user to submit the data-reading request so as to monitor the data condition in the server.

5. The method of claim 1, wherein the server comprises:

the database;

the result table;

a data-updating module for storing the data in the data fields of the result table as set forth in the step (1); and

a data-reading module for retrieving the data from the result table and transmitting the retrieved data to the client's computer device as set forth in the step (2).

6. The method of claim 5, wherein the server further comprises a timing module for counting time required for the server to store the data in the result table and comparing the counted time with the predetermined data-updating time as set forth in the step (1).

7. The method of claim 1, wherein the client's computer device further comprises a timing module for counting time required for the client's computer device to submit the data-reading request and comparing the counted time with the predetermined data-reading time as set forth in the step (2).

8. A method for updating data, being applied to a system for updating data for allowing a user at a client's computer device to monitor data condition in a server, wherein the server is pre-constructed with a database having a plurality of data fields for storing data transmitted from a data source therein, and with a result table corresponding to the data fields; the method comprising the steps of:

(1) storing via the server the data transmitted from the data source in the data fields of the database;

(2) retrieving via a data-updating module of the server the data from the data fields of the database, and storing the retrieved data in data fields of the result table corresponding to the data fields of the database, when a predetermined

- data-updating time being reached in operation of the server;
- (3) submitting via the client's computer device a data-reading request to a server, when a predetermined data-reading time being reached in operation of the client's computer device;
 - (4) reading the data in the result table via a data-reading module of the server according to the data-reading request after receiving the data-reading request via the server;
 - (5) transmitting the read data from the result table via the data-reading module of the server to the client's computer device which submits the data-reading request; and
 - (6) displaying the data transmitted from the result table on a screen of the client's computer device to be monitored by the user.
9. The method of claim 8, wherein the system for updating data is constructed in a manner that at least one server is connected to a plurality of client's computer devices.
10. The method of claim 9, wherein the server is connected to the data source by a network.
11. The method of claim 10, wherein the computer includes a browser for allowing the user to submit the data-reading request so as to monitor the data condition in the server.
12. A system for updating data, comprising:
- at least one server;
 - a plurality of client's computer devices respectively connected to the server by a network; and
 - a data source connected to the server by a network, for transmitting data to the server;

wherein the server comprises:

a database having a plurality of data fields for storing the data transmitted from the data source therein;

a result table having a plurality of data fields corresponding to those of the database;

a data-updating module for retrieving the data from the data fields of the database and storing the retrieved data in the corresponding data fields of the result table so as to update the data in the result table, when a predetermined data-updating time being reached in operation of the server; and

a data-reading module for receiving a data-reading request from one of the client's computer devices and retrieving the data from the data fields of the result table so as to transmit the retrieved data to the client's computer device, when a predetermined data-reading time point being reached in operation of the client's computer device.

13. A system for updating data, comprising:

at least one server;

a plurality of client's computer devices respectively connected to the server by a network; and

a data source connected to the server by a network, for transmitting data to the server;

wherein the server comprises:

a database having a plurality of data fields for storing the data transmitted from the data source therein;

a result table having a plurality of data fields corresponding to those of the database; and

a data-updating module for retrieving the data from the data fields of the

database and storing the retrieved data in the corresponding data fields of the result table so as to update the data in the result table, when a predetermined data-updating time being reached in operation of the server; and for allowing the server to receive a data-reading request from one of the client's computer devices and retrieve the data from the data fields of the result table so as to transmit the retrieved data to the client's computer device, when a predetermined data-reading time point being reached in operation of the client's computer device.

14. The system of claim 12, wherein the computer includes a browser for allowing the user to submit the data-reading request so as to monitor the data condition in the server.
15. The system of claim 13, wherein the computer includes a browser for allowing the user to submit the data-reading request so as to monitor the data condition in the server.
16. The system of claim 12, wherein the server further comprises a timing module for counting time required for the server to store the data in the result table and comparing the counted time with the predetermined data-updating time.
17. The system of claim 13, wherein the server further comprises a timing module for counting time required for the server to store the data in the result table and comparing the counted time with the predetermined data-updating time.
18. The system of claim 12, wherein the client's computer device further comprises a timing module for counting time required for the client's computer device to submit the data-reading request and comparing the counted time with the predetermined data-reading time.
19. The system of claim 13, wherein the client's computer device further comprises a timing module for counting time required for the client's computer device to submit the data-reading request and comparing the counted time with the

predetermined data-reading time.

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